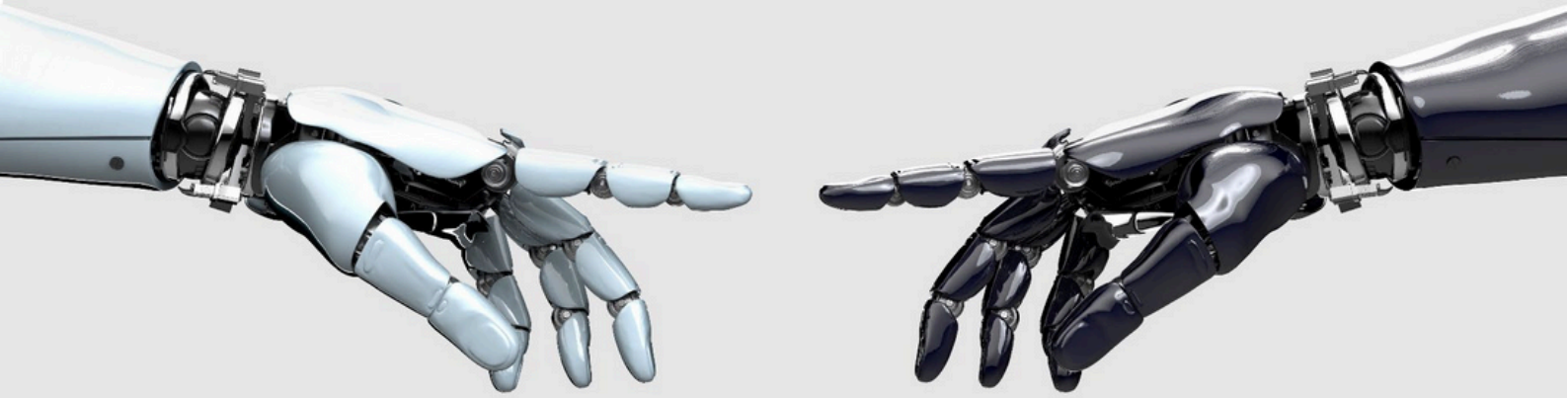




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## COTS – 5G Multi-Mobile Logger & Test Automation Platform

Field	Details
Description	COTS is a multi-mobile log capture, analysis, and automation system designed for 5G testing. It provides full control over mobile devices without USB cables and supports live log streaming, test automation, and RF performance tracking.
Key Features	Multi-mobile log capture, test automation, RF performance monitoring, Wireshark log streaming, wireless device control
Log Analysis	Protocol layers supported: L1, RLC, MAC, PDCP, RRC, NAS; filtering by event/log types
Automation	Robot Framework-based scripts (e.g., mobile_load_test.robot) with execution and result viewing
Performance Metrics	Real-time RF stats (RSRP, RSRQ, SNR), DL/UL throughput
Mobility Control	Wireless IP-based device management; no USB required

### COTS

Phone: IMSI: IMEI: IP address: GPS:

PCI: 400  
TAC: 173  
MCC: 405  
NCI: 451900322

ARFCN: 634080  
Band: 78  
MNC: 061  
AlphaLong: Jio True5G

RSRP: -91  
RSRQ: -11  
SNR: 7

App: Di, Kaps, UL, lbrs

Wireshark Stream

Host IP: 192.168.1.5

PCAP

DLF

Log Types

☐ L1 ☐ RLC ☐ MAC ☐ PDCP ☐ RRC ☐ NAS

Event Types

☐ L1 ☐ RLC ☐ MAC ☐ PDCP ☐ RRC ☐ NAS

Start

Stop

Automation (Robot Script)

Select Script

mobile\_load\_test.robot

Run

View

Stop

Download Logs

Download Logs

No.	Time	Source	Destination	Protocol	Length	Size	Time sync	Info
404	20.633240	192.168.1.3	192.168.1.5	WS RRC	52	52B		TS0
405	20.633240	192.168.1.3	192.168.1.5	WS RRC	218	218B		RRC Setup Request
406	20.633240	192.168.1.3	192.168.1.5	WS RRC	63	63B		5G NR RRC Trigger Message
407	20.633240	192.168.1.3	192.168.1.5	WS RRC	87	87B		5G NR RRC Setup
408	20.633240	192.168.1.3	192.168.1.5	WS RRC	88	88B		5G NR RRC Setup
409	20.633240	192.168.1.3	192.168.1.5	WS RRC	64	64B		5G NR RRC Setup
410	20.633240	192.168.1.3	192.168.1.5	WS RRC	76	76B		5G NR RRC Setup
411	20.633240	192.168.1.3	192.168.1.5	WS RRC	68	68B		5G NR RRC Setup
412	20.633240	192.168.1.3	192.168.1.5	WS RRC	676	676B		RRC Setup
413	20.633240	192.168.1.3	192.168.1.5	WS RRC	108	108B		RRC Setup Complete, Registration request
414	20.633240	192.168.1.3	192.168.1.5	WS RRC	102	102B		5G NR RRC Setup
415	20.633240	192.168.1.3	192.168.1.5	WS RRC	88	88B		5G NR RRC Setup
416	20.633240	192.168.1.3	192.168.1.5	WS RRC	85	85B		5G NR RRC Setup
417	20.633240	192.168.1.3	192.168.1.5	WS RRC	144	144B		5G NR RRC Setup
418	20.633240	192.168.1.3	192.168.1.5	WS RRC	87	87B		5G NR RRC Setup
419	20.633240	192.168.1.3	192.168.1.5	WS RRC	78	78B		5G NR RRC Setup
420	20.633240	192.168.1.3	192.168.1.5	WS RRC	68	68B		5G NR RRC Setup
421	20.633240	192.168.1.3	192.168.1.5	WS RRC	65	65B		5G NR RRC Setup
422	20.633240	192.168.1.3	192.168.1.5	WS RRC	72	72B		5G NR RRC Setup
423	20.633240	192.168.1.3	192.168.1.5	WS RRC	64	64B		5G NR RRC Setup
424	20.633240	192.168.1.3	192.168.1.5	WS RRC	119	119B		5G NR RRC Setup
425	20.633240	192.168.1.3	192.168.1.5	WS RRC	67	67B		5G NR RRC Setup
426	20.633240	192.168.1.3	192.168.1.5	WS RRC	78	78B		5G NR RRC Setup
427	20.633240	192.168.1.3	192.168.1.5	WS RRC	62	62B		5G NR RRC Setup
428	20.633240	192.168.1.3	192.168.1.5	WS RRC	108	108B		5G NR RRC Setup
429	20.633240	192.168.1.3	192.168.1.5	WS RRC	108	108B		5G NR RRC Setup